

AMENDMENTS TO THE CLAIMS

The following is a complete, marked up listing of revised claims with a status identifier in parentheses, underlined text indicating insertions, and strikethrough and/or double-bracketed text indicating deletions.

LISTING OF THE CLAIMS

1. (Currently Amended) A recording medium storing an executable data structure for managing reproduction of at least one still picture by a reproducing apparatus, comprising:

a playlist area storing at least one playlist file, the playlist file including at least one playitem, at least one sub-playitem, and mark information, the playitem indicating an in-point and an out-point of a first clip stream file, the first clip stream file including ~~for reproducing~~ presentation data, the presentation data being divided into at least one still picture unit, the ~~presentation data~~ first clip stream file not including audio data, the still picture unit including the at least one still picture and associated graphic data, the still picture and associated graphic data in the still picture unit configured to be reproduced synchronously, the playitem including duration information indicating whether to display the still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time, the sub-playitem associated with the playitem and indicating an in-point and an out-point of a second clip stream file, the second clip stream file including ~~for~~

~~reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, the still picture unit configured to be reproduced asynchronously from the audio data, the still picture unit configured to be reproduced without reproduction of the audio data,~~ the mark information including at least one mark for pointing to the still picture.

2. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a mark type indicator indicating that the mark is of a type used for pointing to a still picture.

3. (Previously Presented) The recording medium of claim 2, wherein the mark includes a time stamp indicating a time address of the still picture in the first stream file.

4. (Previously Presented) The recording of claim 3, wherein the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

5. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

6. (Previously Presented) The recording medium of claim 5, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file.

7. (Previously Presented) The recording medium of claim 5, wherein the at least one mark includes a playitem indicator indicating the playitem with which the mark is associated.

8. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file.

9. (Previously Presented) The recording medium of claim 1, wherein the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

10. (Previously Presented) The recording medium of claim 1, wherein the mark information includes a number of marks, and the mark information includes a number indicator indicating the number of marks.

11. (Previously Presented) The recording medium of claim 10, wherein, for each mark, the mark information provides a type indicator indicating a type of the at least one mark.

12-25. (Cancelled)

26. (Currently Amended) A method of recording a data structure for managing reproduction of at least one still picture on a recording medium, the method comprising:

recording at least one playlist file on the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem indicating an in-point and an out-point of a first clip stream file, the first clip stream file including ~~for reproducing~~ presentation data, the presentation data being divided into at least one still picture unit, the ~~presentation data~~ first clip stream file not including audio data, the still picture unit including the at least one still picture and associated graphic data, the still picture and associated graphic data in the still picture unit configured to be reproduced synchronously, the playitem including duration information indicating whether to display the still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time,

the sub-playitem associated with the playitem and indicating an in-point and an out-point of a second clip stream file, the second clip stream file including for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, the still picture unit configured to be reproduced asynchronously from the audio data, the still picture unit configured to be reproduced without reproduction of the audio data, and

the mark information including at least one mark for pointing to the still picture.

27. (Currently Amended) A method of reproducing a data structure for managing reproduction of at least one still picture recorded on a recording medium, the method comprising:

reproducing at least one playlist file from the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem indicating an in-point and an out-point of a first clip stream file, the first clip stream file including for reproducing presentation data, the presentation data being divided into at least one still picture unit, the presentation data first clip stream file not including audio data, the still picture unit including the at least one still picture and associated graphic data, the still picture and associated graphic data in the still picture unit configured to be reproduced synchronously, the playitem including duration information

indicating whether to display the still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time,

the sub-playitem associated with the playitem and indicating an in-point and an out-point of a second clip stream, the second clip stream file including for reproducing audio data, the audio data configured to be reproduced asynchronously and independently from the still picture unit, the still picture unit configured to be reproduced asynchronously from the audio data, the still picture unit configured to be reproduced without reproduction of the audio data,

the mark information including at least one mark for pointing to the still picture.

28. (Currently Amended) An apparatus for recording a data structure for managing reproduction of at least one still picture on a recording medium, the apparatus comprising:

a pick up configured to record data on the recording medium;

a controller configured to control the pick up to record at least one playlist file on the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem indicating an in-point and an out-point of a first clip stream file, the first clip stream file including for reproducing presentation data, the presentation data being divided into at least one still picture unit, the

~~presentation data~~ first clip stream file not including audio data, the still picture unit including the at least one still picture and associated graphic data, the still picture and associated graphic data in the still picture unit configured to be reproduced synchronously, the playitem including duration information indicating whether to display the still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time,

the sub-playitem associated with the playitem and indicating an in-point and an out-point of a second clip stream file, the second clip stream file including for reproducing audio data, ~~the audio data configured to be reproduced asynchronously and independently from the still picture unit,~~ the still picture unit configured to be reproduced asynchronously from the audio data, the still picture unit configured to be reproduced without reproduction of the audio data,

the mark information including at least one mark for pointing to the still picture.

29. (Currently Amended) An apparatus for reproducing a data structure for managing reproduction of at least one still picture recorded on a recording medium, comprising:

a pick up configured to reproduce data recorded on the recording medium;

a controller configured to control the pick up to reproduce at least one playlist file from the recording medium, the playlist file including at least one playitem, at least one sub-playitem, and mark information,

the playitem indicating an in-point and an out-point of a first clip stream file, the first clip stream file including for reproducing presentation data, the presentation data being divided into at least one still picture unit, the ~~presentation data~~ first clip stream file not including audio data, the still picture unit including the at least one still picture and associated graphic data, the still picture and associated graphic data in the still picture unit configured to be reproduced synchronously, the playitem including duration information indicating whether to display the still picture for one of a finite and an infinite period of time, the still picture being configured to be displayed until user input is received if the duration information indicates the infinite period of time,

the sub-playitem associated with the playitem and indicating an in-point and an out-point of a second clip stream file, the second clip stream file including for reproducing audio data, ~~the audio data configured to be reproduced asynchronously and independently from the still picture unit, the still picture unit configured to be reproduced asynchronously from the audio data, the still picture unit configured to be reproduced without reproduction of the audio data,~~

the mark information including at least one mark for pointing to the still picture.

30-31. (Cancelled)

32. (Previously Presented) The method of claim 26, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

33. (Previously Presented) The method of claim 32, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

34. (Previously Presented) The method of claim 26, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

35. (Previously Presented) The method of claim 26, wherein the mark information provides a type indicator indicating a type of the at least one mark.

36-38. (Cancelled)

39. (Previously Presented) The method of claim 27, wherein the at least one mark includes a mark type indicator indicating that the at least one mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

40. (Previously Presented) The method of claim 39, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

41. (Previously Presented) The method of claim 27, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

42. (Previously Presented) The method of claim 27, wherein the mark information provides a type indicator indicating a type of the at least one mark.

43-45. (Canceled)

46. (Previously Presented) The apparatus of claim 28, wherein the at least one mark includes a mark type indicator indicating that the at least one

mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

47. (Previously Presented) The apparatus of claim 46, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

48. (Previously Presented) The apparatus of claim 28, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the mark includes a playitem indicator indicating the playitem with which the mark is associated.

49. (Previously Presented) The apparatus of claim 28, wherein the mark information provides a type indicator indicating a type of the at least one mark.

50-52. (Cancelled)

53. (Previously Presented) The apparatus of claim 29, wherein the at least one mark includes a mark type indicator indicating that the mark is of a type that provides a point to skip to when displaying a slideshow of still pictures.

54. (Previously Presented) The apparatus of claim 53, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

55. (Previously Presented) The apparatus of claim 29, wherein the at least one mark includes a time stamp indicating a time address of the still picture in the first stream file, and the at least one mark includes a playitem indicator indicating the playitem with which the at least one mark is associated.

56. (Previously Presented) The apparatus of claim 29, wherein the mark information provides a type indicator indicating a type of the at least one mark.

57. (Cancelled)